

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
 Organization
 International Bureau



(43) International Publication Date
 3 June 2004 (03.06.2004)

PCT

(10) International Publication Number
 WO 2004/047292 A1

(51) International Patent Classification⁷: H03K 3/0233

(21) International Application Number:
 PCT/IB2003/004781

(22) International Filing Date: 28 October 2003 (28.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
 02102595.2 15 November 2002 (15.11.2002) EP

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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

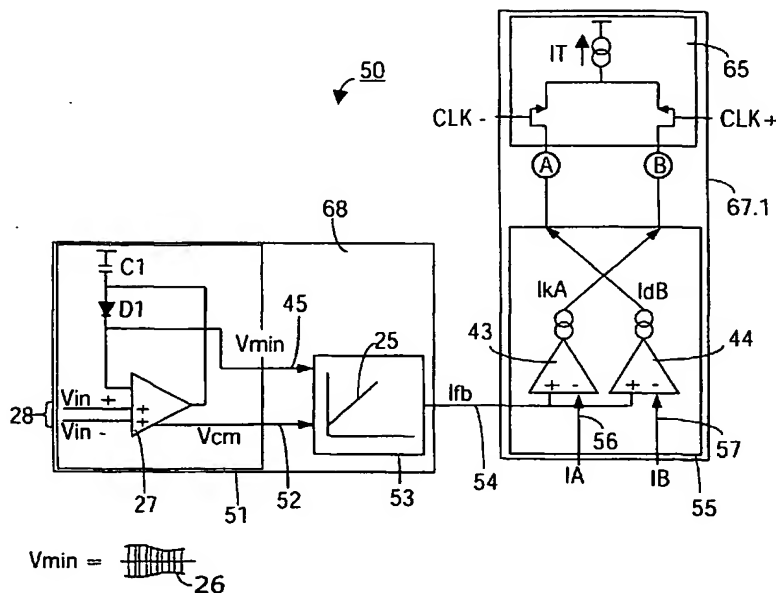
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: ADAPTIVE HYSTERESIS FOR REDUCED SWING SIGNALLING CIRCUITS



(57) Abstract: Apparatus (50) for processing a differential input signal. The apparatus (50) comprises a minimum peak detector (51) with a differential input (28). The peak detector (51) provides a first voltage being proportional to an average voltage peak at the peak detector's differential input (28). A compressor (53) is provided for processing the first voltage in order to provide a second voltage. The compressor (53) is followed by a voltage controllable current source providing a trim current that is adjustable by the second voltage. A hysteresis equipped circuit (67.1) whose hysteresis characteristics are adjustable by the trim current is part of the apparatus (50).

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